

Protein feature models: EPipe

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Some motifs lead to protein features

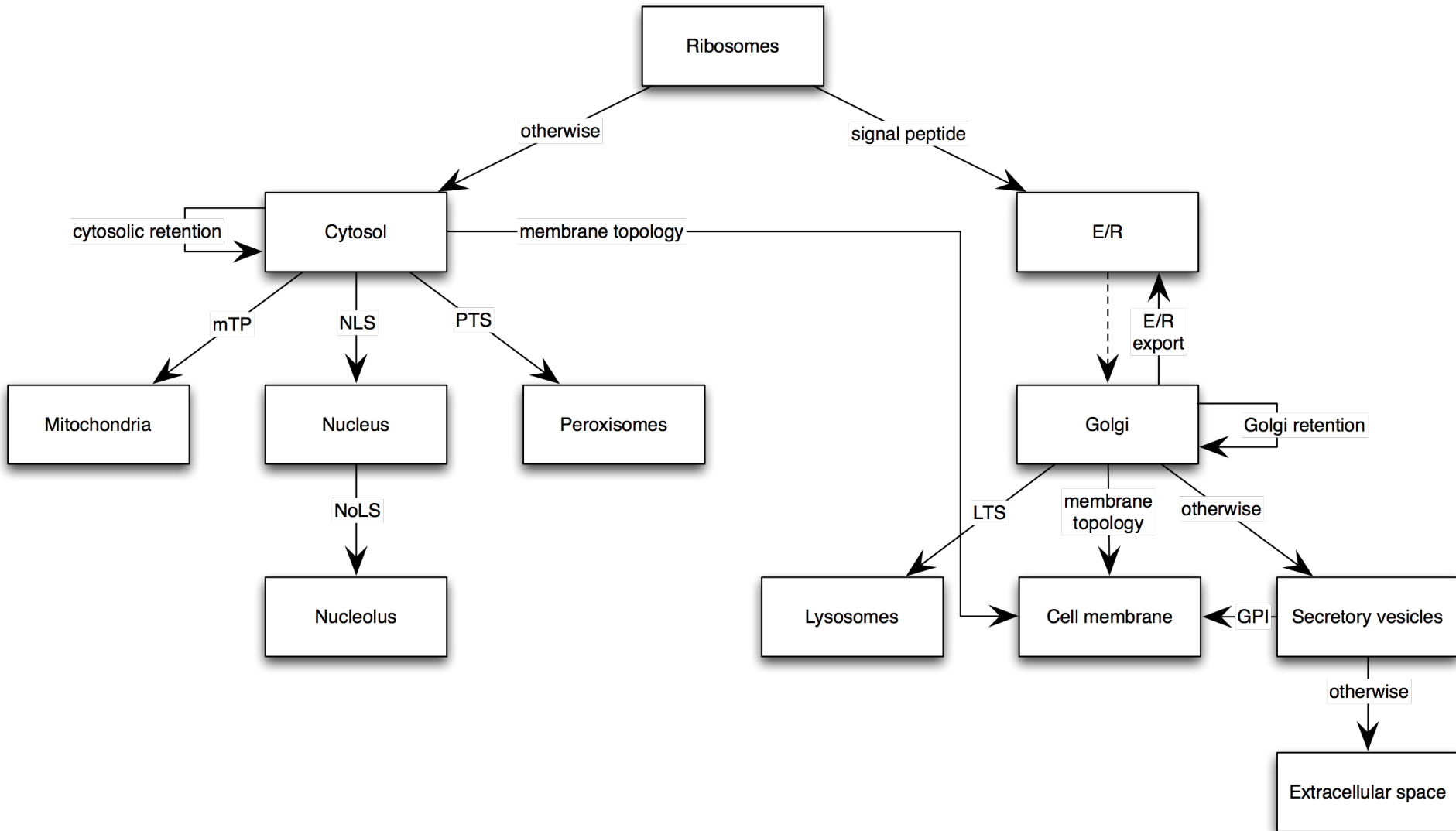
Transport signals: subcellular localization

PTM sites: dynamic sequence modifications

Binding motifs: capacity to form compounds

Model: Sequence \rightarrow Feature

Transport signals



[KRHQSAP][DENQT]EL\$:
MLL...GQAK**DEL** → ER retention

(CALR_HUMAN)

PTM sites

Phosphorylation: reversible state changes

Ubiquitination: protein tagging for degradation

Glycosylation: complex metabolic regulation

Sample EPIPE output

